

ABSTRACT OF THE DISCLOSURE

DNA extracted from a blood sample by a DNA  
extractor is provided to a reactor. The reactor makes  
a hybridization reaction between a DNA microarray on  
5 which a plurality of different types of DNA probes are  
arranged in a predetermined order, and the extracted  
DNA. A hybridization pattern is formed on the reacted  
DNA microarray. An authentication certificate is  
issued by directly attaching the reacted DNA microarray  
10 obtained in this way. Alternatively, an authentication  
certificate is issued by reading the hybridization  
pattern by a reader, and recording the read pattern as  
magnetic/digital information.